BEST AVAILABLE COPY

POLYESTER COMPOSITION, AND HOLLOW MOLDED OBJECT, SHEET- LIKE PRODUCT, AND STRETCHED FILM PRODUCED THEREFROM

Patent number:

JP2003301093

Publication date:

2003-10-21

Inventor:

MATSUI YOSHINAO; HARA ATSUSHI; NAGANO

HIROTA; ETO YOSHITAKA

Applicant:

TOYO BOSEKI

Classification:

- international:

C08L67/02; B29C55/02; B65D1/09; B65D65/38;

C08G63/85; B29K67/00; B29L7/00

- european:

Application number: JP20030019375 20030128

Priority number(s): JP20020028576 20020205; JP20030019375 20030128

Abstract of JP2003301093

<P>PROBLEM TO BE SOLVED: To provide a polyester composition which is excellent in crystallization control properties and long-time continuous moldability in melt molding; and a hollow molded object, a sheet-like product, and a stretched film, all produced therefrom and excellent in clarity and heat-resistant dimensional stability, especially, becoming a proper range in the shrinkage factor of the mouth plug part of the hollow molded object and hard to cause remaining nasty taste or bad smell when used as a liquid container. <P>SOLUTION: This polyester composition comprises PET (polyethylene terephthalate) chips, 0.1-5,000 ppm fine polyester powder having the same composition as the PET chips, and 0.1 ppb to 5,000 ppm at least one resin selected from the group consisting of polyolefin resins, polyamide resins, and polyacetal resins and it is characterized in that the PET contains specified amounts of a P compound, a Sb compound, and at least one metal compound selected from the group consisting of Mg compounds, Ca compounds, Co compounds, Mn compounds, and Zn compounds. <P>COPYRIGHT: (C)2004,JPO

Data supplied from the esp@cenet database - Worldwide